Technical Data

BR20C4

Application: 12V / 24V DC
Power input: Approx. 46W
Capacity: 20 litres
Net Weight: 13kg
Cooling capacity: Max. -18℃ at 30℃ ambient temperature
Insulation: 40mm Polyurethane foam
Dimension: 541 (L) X365 (D) X432 (H) mm

BR30C4

Application: 12V / 24V DC
Power input: Approx. 46W
Capacity: 30 litres
Net Weight: 16kg
Cooling capacity: Max. -18℃ at 30℃ ambient temperature
Insulation: 40mm Polyurethane foam
Dimension: 541 (L) X365 (D) X554 (H) mm

Included items

Sports cooler

Power cord

AC/DC adapter
(Optional item)

User's manual

Attention, important! All the datas in the manual may have any differ from the cooling device you bought, We will preserve right of final explanation.

Compressor freezer

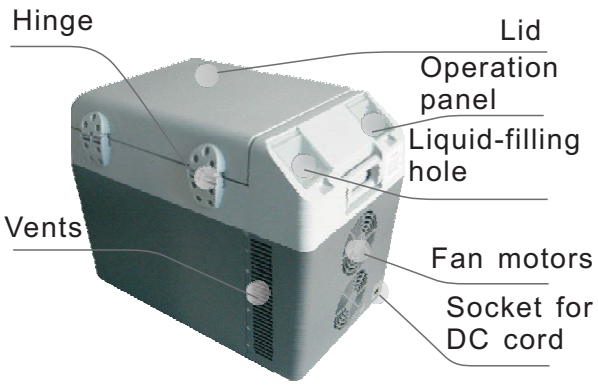
User's Manual

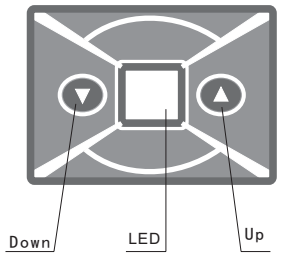
Suitable for model:

- BR20C4
- BR30C4

Note: please read this manual carefully before use, and make sure to operate according to the instruction.

Structure drawing





Safety Instructions

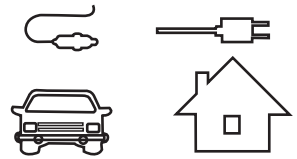
- Keep cooler upright while it is turned on and in use.
- Never switch the cooler on with wet hands or when your feet are in contact with water!
- Do not turn cooler on when vehicle engine is not turned on.
- Always ensure that the correct voltage and current is applied to the cooler. The voltage and current is clearly marked on the manufacturer's label which can be found underneath the cooler.
- Ensure power source can safely supply the required current when you use the AC/DC adapter.

Compressor freezer

- Do not carry corrosives or solvent material in your cooler.
- Never obstruct vents as they supply necessary airflow to motor and fan.
- Do not fill cooler with liquid or ice.

Safety indications in the text are marked with this symbol:

Application



DC 12V/24V or optional AC 110/220V

Ensure input power of 12V DC or 24V DC

Suggested uses:
- Travelling
- Picnics
- Camping
- 4WDs
- trucks
- others outdoor activities

The cooler is ideal to use on camping trips. If you wish to refrigerate medicines, first check the cooling capacity meets the recommendation listed on the medication.

Installation

Please make sure that no parts are missing after unpacing the cooler.
Place the cooler on a dry surface where it is protected from water.
The cooler should not be used where it may be exposed to rain.
The cooler should be installed in a position that allows adequate ventilation.
Do not locate the cooler anywhere the room temperature is below 0℃ or above 32℃.

Operating Instructions

The cooler can be operated with 12 V/24V DC. Prior to connection, check whether the voltage indicated on the manufacturers label is in accordance with the battery voltage. Connect your cooler to cigarette lighter socket of your vehicle with the 12V/24V DC .

Note: The cooler can be operated between 10. 9V and 16. 8V DC or 22. 9V and 30. 7V DC . If the voltage is out of range, the cooler will be not work. Over voltage could cause damage to the electronic components of the cooler.

Operation from mains power

When using the cooler indoors from mains, please use the AC/DC adapter supplied with your unit.

Using an AC/DC adapter, otherwise, it may cause damage to the cooler if use others.

Temperature Settings

- Press the power switch to switch cooler on or off.
- Press the"up" button or "down" button to adjust the temperature.
- Press the "up" button once to adjust the temperature by +1℃.
- Press the "down" button once to adjust the temperature by -1℃.
- Maximum cool setting is -19℃.

Attention: Non-qualified people are not allowed to remodel, dismantle of the unit.

Tip for energy saving

Place the cooler in a cool and dry place away from direct sunlight.
Always cool the food or drink before storing them into the cooler.
Do not set the temperature colder than you require.
Do not open the cooler more than necessary.
Do not leave the lid open longer than necessary.

Storage

When storing your cooler it is recommended that leave the lid slightly open. This will prevent mould from forming, and will keep stale odours out of your cooler. It is recommended that follow our recommended cleaning procedure prior to storing your cooler.

Cleaning

Your cooler does not need to be cleaned before initial use.

1.Clean your cooler with a soft cloth moistened with lukewarm water.
2.Pay attention that no water drops into the vents, as this may lead to damage to the electronic components.
3.Use a soft dry cloth to completely dry the cooler after cleaning.
4.Clean the cooler after use and before storage.

Attention: Never use solvents or abrasive cleaners, as this will damage the cooler. Do not use scourers or scrapers to clean your cooler.

Compressor freezer

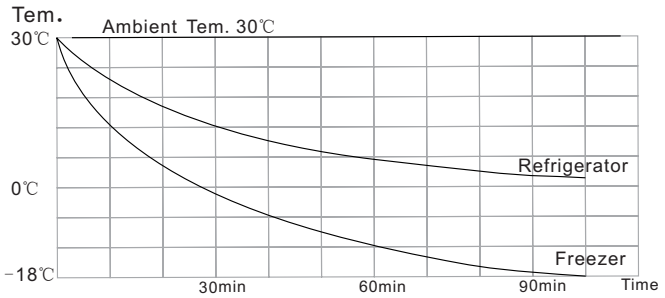
FEATURE

BR20C4 / BR30C4 is an advanced fridge, combing the latest compressor and computerized digital control system technology. The high efficiency of the compressor will freeze as(-18℃) at 30℃ ambient temperature. (The computerized digital control system will indicate direct readout display inbox actual cooling temperature and the adjustable set temperature at accuracy of +/-1. 5℃). It is in energy saving mode when the actual cool temperature is below "set-temperature"(setting with press down/up button) 1℃, and the compressor ceases operation. After the inbox temperature is higher than "set-temperature" 2℃, the compressor run again, but interval time will be two minutes at least.

Furthermore, please pay an attention, when turn the freezer on, the compressor will be run after two minutes. And then other 35 seconds later, the digital display will be 4℃ higher than inbox temperature.

Especially, you can move the fan door slide(between freezer and refrigerator) to adjust the temperature of the refrigerator.

Perfect cooling performance



(the data for reference only)

※: BR90C4-ID/BR138C4-ID is not built refrigeration function.

Table of Contents

Feature ..... Page 2
Structure drawing..... Page 3
Safety Instructions..... Page 3
Application ..... Page 4
Installation ..... Page 4
Operating instructions.....Page 4
Temperature setting..... Page 5
Tips for energy saving ..... Page 5
Storage.....Page 5
Cleaning..... Page 5
Trouble shootiing ..... Page 6
Technical Date ..... Page 6
Included items.....Back cover

Compressor freezer

Trouble Shooting

Problem	Cause	Solution
Cooling function does not work.	Loose contact between plug ang unit socket.	Plug firmly into unit socket and cigarette lighter.
	Power voltage is out of range.	Check unit whether it' s plugged into power supply of 12V or 24V, ensure that battery charge is not too low or too high.
	The temperature sensor is malfunctioning.	Contact a local repair center to replace a temperature sensor.
Cooling efficiency is bad.	The fan motor does not work.	Contact a local repair center to replace a fan motor.
	Unit is exposed to direct sunlight.	Place the unit in a shady, cool place with good airflow.
	Ventilator or propeller is blocked.	Clean the ventilator and the propeller , make sure the unit have good ventilation.
There is a strange noise or vibration during operation.	Unit is malfunctioning.	To prevent breakdown, turn the unit off immediately and unplug it from cigarette lighter. Contact a local repair center.
There is a burning smell or the case is deformed.	Unit is malfunctioning.	To prevent breakdown, turn the unit off immediately and unplug it from cigarette lighter. Contact a local repair center.
LED display "E1" unit not running	Not enough power supplied to the unit	Check unit whether it' s plugged into power supply of 12V or 24V, ensure that battery charge is not too low
LED display "E2" unit not running	Too high voltage supplied to the unit	Check unit whether it' s plugged into power supply of 12V or 24V, ensure that input voltage is not too high.
LED display "E3" unit not running	Temperature sensor is disconnected or faulty	Check temperature sensor's plug,or replacing